

Title (en)
A PIXEL HAVING A PLURALITY OF PINNED PHOTODIODES

Title (de)
PIXEL MIT MEHREREN VERSTIFTETEN PHOTODIODEN

Title (fr)
PIXEL AYANT UNE PLURALITÉ DE PHOTODIODES

Publication
EP 3082165 B1 20210728 (EN)

Application
EP 15202569 A 20151223

Priority
• GB 201506569 A 20150417
• US 201514972253 A 20151217

Abstract (en)
[origin: EP3082165A1] A pixel comprises a plurality of photodiodes (44, 46), and at least one transfer gate (48, 50), the or each transfer gate being configured such that in use charge is transferred from each of the plurality of photodiodes to a common sense node (52, 54), such that charge from said plurality of photodiodes is combined at said common sense node.

IPC 8 full level
H01L 27/146 (2006.01)

CPC (source: EP)
H01L 27/14614 (2013.01); **H01L 27/1464** (2013.01); **H01L 27/14641** (2013.01)

Cited by
US10128292B2; US10347680B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3082165 A1 20161019; EP 3082165 B1 20210728

DOCDB simple family (application)
EP 15202569 A 20151223